



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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OK

July 5, 2002

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DDH*

FROM: James D. Smith, Senior Reclamation Specialist *JP*

RE: 2001 First Quarter Water Monitoring, CO-OP Mining Company, Bear Canyon Mine, C/015/025-WQ01-1

1. Were data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

No access at BC-4, SBC-14, and SBC-17;
No flow at BC-3 and SBC-6.

2. On what date does the MRP require a five-year resampling of baseline water data. See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

Resampling Due Date

Renewal submittal due 07/02/00, renewal due 11/02/00. Baseline parameters are to be taken in August of year 5 prior to each permit renewal (Table 7.1-8). Baseline parameters were measured August 2000 and included with the Third Quarter 2000 data submittal.

3. Were all required parameters reported for each site? YES [] NO [X]

Comments, including identity of monitoring site:

BC-2: total suspended solids not reported;

4. Were irregularities found in the data? YES [X] NO []
] *Comments, including identity of monitoring site:*

SBC-3: cation – anion balance is greater than 5 percent;
SBC-4: cation – anion balance is greater than 5 percent;
SBC-5: cation – anion balance is greater than 5 percent;
BC-1: cation – anion balance is greater than 5 percent;
SBC-13: K (n = 21) is outside the two standard deviation range;

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

Identify sites and months not monitored:

Site 007, which is the not-yet-built sedimentation pond at the Wild Horse Ridge Addition, was not active.

6. Were all required DMR parameters reported? YES [X] NO []
Comments, including identity of monitoring site:

No discharge from any UPDES points during the first quarter

7. Were irregularities found in the DMR data? YES [] NO [X]
Comments, including identity of monitoring site:

No discharge from any UPDES points during the first quarter

8. Based on your review, what further actions, if any, do you recommend?